

FORM PTO-1449 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 209391/B&S	APPLICATION NO. Continuation of 09/338,181
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT LEIDNER et al.	
		FILING DATE Herewith	ART UNIT Unassigned

JCS71 U.S. PTO
09/828219

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		APPLICATION OR PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
C.S.	A1	3,409,574	11/1968	Gros			
	A2	3,702,314	11/1972	Farion et al.			
	A3	4,229,334	10/1980	Klabacka et al.			
	A4	4,388,396	6/1983	Nishibavashi et al.			
	A5	4,430,468	2/1984	Schumacher			
	A6	5,244,942	9/1993	Hover et al.			
	A7	5,306,739	4/1994	Lucev			
	A8	5,389,717	2/1995	Santini et al.			
	A9	5,447,560	9/1995	Vogel			
	A10	5,582,890	12/1996	Davis et al.			
	A11	5,595,700	1/1997	Kitazawa			
	A12	6,011,084	1/2000	Leidner et al.			
	A13	5,911,814	6/1999	Kitazawa et al.			
	A14	4,371,632	2/1983	Grossman et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO**
C.S.	A15	2-36281**	02/06/90	Japan			X+	
	A16	JP 185052	7/1988	Japan			X+	
	A17	JP 003192	1/1980	Japan			X+	
	A18	CS 008718	12/1977	Germany			X+	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

C.S.	A19	File WPI, Derwent accession no. 1990-085886, TOMBOW PENCIL Co: "Coloured lead of pencil and crayon - contain thermoplastic resin, lubricant, pigment and porous inorganic filler"; JP 2036281, 19900206
	A20	Patent Abstracts of Japan, abstract of JP 56-100874 A (Mitsubishi Pencil Co. Ltd.), 13 August 1981 (13.08.81)
	A21	Patent Abstracts of Japan, Vol 14, No. 192 C-711, abstract of JP 2-36281 A (TONBO ENPITSU K.K.), 6 February 1990 (06/02.90)
	A22	Patent Abstracts of Japan, Vol 8, No 122, C-227, abstract of JP 59-33370 A (DAINIPPON INK KAGAKU KOGYO K.K.), 23 February 1984 (23.02.84)
	A23	English Translation of JP 55025368 (2/1980)
	A24	English Translation of JP 03153778 (10/1989)

EXAMINER

C. S. Shoshin

DATE CONSIDERED

6/27/02

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office was submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

**Entire Document

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EXAMINER'S INITIALS		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CS	A25	257,706	5/9/1882	Horne			
	A26	328,366	10/13/1885	Walpuski			
	A27	471,438	03/22/1892	Schwarzwald			
	A28	566,845	09/01/1896	Cross			
	A29	1,502,763	07/29/24	Bugbee			
	A30	2,220,992	11/12/40	Chesler			
	A31	2,280,988	04/28/42	Weiser			
	A32	2,338,176	01/04/44	Goepfert			
	A33	3,821,157	06/28/74	Muller et al.			
	A34	3,834,910	09/10/74	Mukai et al.			
	A35	3,843,570	10/22/74	Murayama			
	A36	3,849,394	11/19/74	Roueche et al.			
	A37	3,976,488	08/24/76	Nihyakumen et al.			
	A38	4,017,451	04/12/77	Ishida et al.			
	A39	4,030,934	06/21/77	Iijima			
	A40	4,209,332	06/24/80	Tsujio			
	A41	4,298,507	11/03/81	Leon			
	A42	4,548,960	10/22/85	Bentley			
	A43	4,647,602	03/03/87	Wilczak et al.			
	A44	4,668,572	05/26/87	Iizuka et al.			
	A45	4,853,167	08/01/89	Bard et al.			
	A46	4,938,952	07/03/90	Kamen et al.			
	A47	4,978,390	12/18/90	Snedeker			
	A48	5,066,486	11/19/91	Kamen et al.			
	A49	5,093,110	03/03/92	Kamen et al.			
	A50	5,158,606	10/27/92	Carlick et al.			
	A51	5,240,110	8/31/93	Reichenbach et al.			
	A52	5,318,622	06/07/94	Kitazawa et al.			
	A53	5,322,220	6/21/94	Rehkemper			
	A54	5,336,307	08/09/94	Horvat et al.			
	A55	5,345,254	09/06/94	Wong et al.			
	A56	5,346,540	09/13/94	Schlennert			
	A57	5,407,472	04/18/95	Yamamoto			
	A58	5,416,156	05/16/95	Kamen			
	A59	5,417,746	05/23/95	Cheng			
	A60	5,464,470	11/07/95	Brachman et al.			

Carrie Shusho

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ATTY. CASE NO.
20939

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09/338,181

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CS	A61	5,531,947	07/02/96	Metzger et al.			
	A62	5,567,206	10/22/96	Jankewitz et al.			
	A63	5,591,787	01/07/97	Schlennert et al.			
	A64	5,591,796	01/07/97	Wisniewski et al.			
	A65	5,595,589	01/21/97	Hoshiba et al.			
	A66	5,645,629	07/08/97	Kitazawa et al.			
✓	A67	5,716,434	02/10/98	Koyama			

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EXAMINER'S INITIALS		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO*+
CS	A68	55-3192	08/13/81	Japan			X+	
	A69	3421408	01/02/86	Germany (Abstract)			X+	
	A70	555673	08/18/93	European (Abstract)			X+	
	A71	573000	12/08/93	European (Abstract)			X+	
	A72	235	01/31/1855	Great Britain			X+	
	A73	5005	05/28/1892	Great Britain			X+	
	A74	53000725	01/06/78	Japan (Abstract)			X+	
	A75	53004631	01/17/78	Japan (Abstract)			X+	
	A76	53074921	07/03/78	Japan (Abstract)			X+	
	A77	53074922	07/03/78	Japan (Abstract)			X+	
	A78	79023612	08/15/79	Japan (Abstract)			X+	
	A79	54148623	11/21/79	Japan (Abstract)			X+	
	A80	55025368	02/23/80	Japan (Abstract)			X+	
	A81	55029521	03/01/80	Japan (Abstract)			X+	
	A82	55115479	09/05/80	Japan (Abstract)			X+	
	A83	55127473	10/02/80	Japan (Abstract)			X+	
	A84	55127474	10/02/80	Japan (Abstract)			X+	
	A85	55127475	10/02/80	Japan (Abstract)			X+	
	A86	55127476	10/02/80	Japan (Abstract)			X+	
	A87	56109266	08/29/81	Japan (Abstract)			X+	
	A88	56163171	12/15/81	Japan (Abstract)			X+	
	A89	56163172	12/15/81	Japan (Abstract)			X+	
	A90	57083570	05/25/82	Japan (Abstract)			X+	
✓	A91	58002369	01/07/83	Japan (Abstract)			X+	

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							YES	NO**
CS	A92	58080369	05/14/83	Japan (Abstract)			X+	
	A93	58113274	07/06/83	Japan (Abstract)			X+	
	A94	58117266	07/12/83	Japan (Abstract)			X+	
	A95	59117569	07/06/84	Japan (Abstract)			X+	
	A96	59117570	07/06/84	Japan (Abstract)			X+	
	A97	59120668	07/12/84	Japan (Abstract)			X+	
	A98	60004097	01/10/85	Japan (Abstract)			X+	
	A99	60118772	06/26/85	Japan (Abstract)			X+	
	B1	61023667	02/01/86	Japan (Abstract)			X+	
	B2	61175093	08/06/86	Japan (Abstract)			X+	
	B3	87025195	06/02/87	Japan (Abstract)			X+	
	B4	61252278	11/10/86	Japan (Abstract)			X+	
	B5	61275370	12/05/86	Japan (Abstract)			X+	
	B6	61293275	12/24/86	Japan (Abstract)			X+	
	B7	62027480	02/05/87	Japan (Abstract)			X+	
	B8	62027481	02/05/87	Japan (Abstract)			X+	
	B9	87034559	07/28/87	Japan (Abstract)			X+	
	B10	62064876	03/23/87	Japan (Abstract)			X+	
	B11	62177081	08/03/87	Japan (Abstract)			X+	
	B12	88001199	01/11/88	Japan (Abstract)			X+	
	B13	63057682	03/12/88	Japan (Abstract)			X+	
	B14	63081180	04/12/88	Japan (Abstract)			X+	
	B15	63189481	08/05/88	Japan (Abstract)			X+	
	B16	2060978	03/01/90	Japan (Abstract)			X+	
	B17	89002154	01/13/89	Japan (Abstract)			X+	
	B18	2038475	02/07/90	Japan (Abstract)			X+	
	B19	3106976	05/07/91	Japan (Abstract)			X+	
	B20	3139579	06/13/91	Japan (Abstract)			X+	
	B21	3153778	07/01/91	Japan (Abstract)			X+	
	B22	3153779	07/01/91	Japan (Abstract)			X+	
	B23	4164978	06/10/92	Japan (Abstract)			X+	
	B24	4236276	08/25/92	Japan (Abstract)			X+	
	B25	5039449	02/19/93	Japan (Abstract)			X+	
	B26	5230414	09/07/93	Japan (Abstract)			X+	
	B27	6136315	05/17/94	Japan (Abstract)			X+	
	B28	6192613	07/12/94	Japan (Abstract)			X+	

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EXAMINER'S INITIALS		DOCUMENT	PUBLICATION	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
		NUMBER	DATE				YES	NO*+
CS	B29	639909	12/30/78	Soviet Union (Abstract)			X+	
	B30	975765	11/23/82	Soviet Union (Abstract)			X+	
	B31	1933793	01/14/71	German (Abstract)			X+	
	B32	11,182	06/19/02	Great Britain			X+	
	B33	2001011A	01/24/79	Great Britain (Abstract)			X+	
	B34	88318	09/14/83	Europe (Abstract)			X+	
	B35	8705426	04/25/89	Brazil (Abstract)			X+	
	B36	756946	02/05/97	Europe (Abstract)			X+	
	B37	505262	09/23/92	Europe (Abstract)			X+	
	B38	55226	06/30/82	Europe (Abstract)			X+	
	B39	2729320	01/11/79	German (Abstract)			X+	
	B40	2728705	01/11/79	German (Abstract)			X+	
	B41	2724317	12/07/78	German (Abstract)			X+	
	B42	2611608	09/29/77	German (Abstract)			X+	
	B43	2447431	04/08/76	German (Abstract)			X+	
	B44	2419115	10/30/75	German (Abstract)			X+	
	B45	2848952	05/22/80	German (Abstract)			X+	
	B46	2826350	12/20/79	German (Abstract)			X+	
	B47	2822134	11/22/79	German (Abstract)			X+	
	B48	2819134	11/08/79	German (Abstract)			X+	
	B49	2815695	10/25/79	German (Abstract)			X+	
	B50	2812424	09/27/79	German (Abstract)			X+	
	B51	2906101	08/28/80	German (Abstract)			X+	
	B52	2929938	02/19/81	German (Abstract)			X+	
	B53	2932276	02/26/81	German (Abstract)			X+	
	B54	3042283	06/09/82	German (Abstract)			X+	
	B55	3046093	07/22/82	German (Abstract)			X+	
	B56	3030947	02/25/82	German (Abstract)			X+	
	B57	3125441	01/13/83	German (Abstract)			X+	
	B58	3237546	04/12/84	German (Abstract)			X+	
	B59	3237557	04/12/84	German (Abstract)			X+	
	B60	3301546	07/19/84	German (Abstract)			X+	
	B61	3317381	02/21/85	German (Abstract)			X+	
	B62	3323688	03/07/85	German (Abstract)			X+	
	B63	3527778	02/12/87	German (Abstract)			X+	
	B64	3401647	01/02/86	German (Abstract)			X+	
	B65	3530803	03/05/87	German (Abstract)			X+	

Carlee Shashu

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ATTY. D. NO.
 209391/B

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 APPLICATION NO.
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							YES	NO**
C.S.	B66	3538015	04/30/87	German (Abstract)			X+	
	B67	3600370	07/16/87	German (Abstract)			X+	
	B68	3727877	03/02/89	German (Abstract)			X+	
	B69	3835679	04/26/90	German (Abstract)			X+	
	B70	3837473	05/10/95	German (Abstract)			X+	
	B71	3840760	06/07/90	German (Abstract)			X+	
	B72	4200405	10/28/93	German (Abstract)			X+	
	B73	4237063	05/05/94	German (Abstract)			X+	
	B74	19502779	10/05/95	German (Abstract)			X+	
	B75	2527416	12/22/76	German (Abstract)			X+	
	B76	4102217	07/30/92	German (Abstract)			X+	
	B77	2555564	09/02/76	German (Abstract)			X+	
	B78	2603304	08/04/77	German (Abstract)			X+	
	B79	3642950	07/02/87	German (Abstract)			X+	
	B80	9710122	07/31/97	Australia (Abstract)			X+	
	B81	2850559	05/29/80	German (Abstract)			X+	

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